Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 22 Jan 2023 until 23:59 on Monday 23 Jan 2023

Forecast Issued on Sunday 22 Jan 2023 at 00:43

Confidence: High for the milder trend through the coming days then turning a little colder again later in the week, but lower for cloud details.

Headline for Sunday 22 Jan 2023: Dry with some brighter spells, low level freezing fog slow to clear. Becoming milder.

Mountain weather hazards on Sunday 22 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Sunday 22 Jan 2023

Weather: Low level freezing fog patches at first are likely to be slow to clear. Otherwise a dry day with some brighter spells. Any sunshine likely to be become increasingly hazy, however, as high level cloud thickens through the morning. Becoming milder.

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Lifting fog may briefly produce patchy cloud below about 450m, otherwise little or no cloud expected below the summits. Visibility good or very good, but very poor in any lifting freezing fog patches.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 22 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 S	15/23 S	14/21 SW	11/18 SW	10/14 S	9/13 SW	9/12 S
300	11/19 S	11/19 S	9/13 S	6/11 S	7/11 S	7/10 S	6/10 S
Valley	5/15 SE	5/15 SE	5/11 S	4/10 S	4/10 SE	4/9 SE	4/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-5	1/-5	1/-3	1/-3	2/-2	2/-2
300	1/-3	1/-3	2/-2	3/0	3/-0	3/0	3/0
Valley	0/-2	1/-1	3/1	3/2	2/1	2/1	2/1
Freezing Level*	200m	200m	400m	500m	1100m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A sharp frost at first with ice a hazard at most levels. Turning milder through the day with a thaw setting in.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 22 Jan 2023	0.4mm	4mm	5.8mm

Forecast for Monday 23 Jan 2023

Weather: Low level freezing fog patches re-forming overnight and likely to be slow to clear through the morning. Otherwise another dry day with some sunny spells, perhaps more so than Sunday, although high cloud continuing to make any sunshine rather hazy.

Maximum wind: Southerly or southwesterly around 10mph

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Lifting freezing fog patches may briefly produce patchy cloud below about 450m, otherwise little or no cloud expected below the summits. Visibility good or very good, but very poor in any low level freezing fog.

Temperature: **Valleys:** Around Zero to minus 2 Celsius at dawn, rising to plus 3 or 4 Celsius by day
At 600m: Around plus 2 Celsius
Freezing level: Around 400-500m, but generally higher in northwest and lower in southeast

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